©2006

BADGER STATE

SMOKE SIGNALS

Published since 1969 ● Our 37th Year
Single Copy $3.00

Return Address
Kenneth A. Ebneter
822 Wauona Trail
Portage WI 53901

ADDRESS SERVICE REQUESTED

PRESORT STANDARD
U S Postage
PAID
Permit #265
Portage WI 53901

Volume 38 No 2 ● Published Bimonthly JUNE 2006

FCC WRC-03 amateur rule changes

Several FCC Part 97 Amateur Radio rule revisions to implement changes agreed to at the international level during World Radiocommunication Conference 2003 (WRC-03) now are in effect. The FCC Order, released in January, affects 97.111, Authorized transmissions; 97.113, Prohibited transmissions; 97.115, Third party communications, and 97.117, International communications. The Federal Register published the changes May 3.

"These amendments will ensure that the Commission's Amateur Radio Service rules conform to Article 25 of the international Radio Regulations adopted at the 2003 World Radiocommunication Conference, and will further the Commission's ongoing efforts to streamline its Amateur Service Rules," the FCC Order said. "The overall effect of this action is to update the Part 97 Amateur Radio Service rules in the Code of Federal Regulations to conform to now-effective international agreements."

The FCC Order revises:

* 97.111(a)(1) to permit "transmissions necessary to exchange messages with other stations in the Amateur Service, except those in any country whose administration has notified the ITU that it objects to such communications. The FCC will issue public notices of current arrangements for international communications." The old language permitted communication among amateur stations in different countries "except those in any country whose administration has given notice that it objects to such communications." The FCC said the change does not prejudice its proposal to amend 97.111(a)(2) to clarify that amateur stations may, at all times and on all authorized channels, transmit communications necessary to meet essential needs and to facilitate relief actions.

* 97.115(a)(2) to facilitate the transmission of international communications on behalf of third parties in emergency or disaster-relief situations, whether or not a third-party agreement is in place between the US and the countries involved. The revision now permits communication with any non-US station "when transmitting emergency or disaster relief communications" as well as with any non-US station "whose administration has made arrangements with the United States to allow amateur stations to be used for transmitting

(Continued on page 9)

Check us out on the web at http://www.bsss.org

Wisconsin BPL update

Subject: Wisconsin BPL update
Date: Tuesday, April 25, 2006 10:21

Until most recently, Wisconsin has been Broadband Over Powerline (BPL) free. That is still true except for Washington Island. At Washington Island, there exists a small electric power co-op that, like all rural electric cooperatives, is regulated by the federal government and not by the Public Service Commission of Wisconsin. They were approached by a BPL company, IBEC, to install a system over their network to provide high speed Internet for their customers. This has raised the concern of one Amateur who runs a B&B hotel catering to Amateur operators who desire a peaceful vacation and the use of nice operating stations in a low noise RF environment. He asked for ARRL help.

Enter Ed Hare, at ARRL, stage right. Ed loaned some special test equipment to take meaningful background measurements before BPL is installed on the island. Data was taken at two Amateur sites on Washington Island, at least. We now have baseline background data to determine if BPL will be problem in Washington Island. This is the first step.

What constitutes harmful interference to us? For that, and more, I highly recommend you read the basic information given by Ed Hare at these sites: http://www.arrl.org/tis/info/HTML/plc/ and http://p1k.arrl.org/~ehare/bpl/

(Continued on page 9)

Flipping the pages

FCC WRC-03 1
Wisconsin BPL Update 1
What's Happening, Swapfests 2
What's Happening, Club Meetings 3
Wisconsin Nets Association 4
The Computer Corner, Stan Kaplan 5
Monthly Wisconsin Section News 6
What's Happening, The Test Point - VE examinations 7
BSSS CD ROM 8
The PACKETEER 10
"HELLO" at Broadcasters convention 10
Yellow Thunder Amateur Radio Club 11
ELMER 12



WHAT'S HAPPENING

Swapfests and Other Social Events — Club Meetings
Amateur Radio Exam Schedules

Edited by Kenneth A. Ebneter, K9EN, 822 Wauona Trail, Portage WI 53901 — kenneth.ebneter@verizon.net

Swapfests
And Other Social Events

June 03, 2006 Tailgate Swapfest, TwinsLAN ARC & 3M Club ARC. 3M Center Bldg. 209 Parking Lot McKnight Road & I-94, St. Paul, MN. **Contact:** Anders Johansson, KB0PJV, 8201 32nd Avenue North, Crystal, MN, 55427-2532. Phone: 763-208-7493. Email: kb0pjv@yahoo.com http://www.twinslan.org **Talk-In:** 147.120+

June 3-4, 2006, Illinois State Convention/Princeton Hamfest, Princeton, IL Bureau County Fairgrounds, West Peru Street (Route 6), Princeton, IL. Starved Rock Radio Club, http://www.qsl.net/w9mks/, **Talk-In:** 146.955 -600 (PL 103.5). **Contact:** Kurt Clausen, KB9RKU, PO Box 198, Leonore, IL 61332, Phone: 815-539-6477, Email: w9mkshamfest@yahoo.com

July 8, 2006, South Milwaukee ARC Swapfest, American Legion Post 434, 9327 South Shepard Ave., Oak Creek, WI. e-mail ryatex@aol.com. Phone (414) 762-3235.

June 11, 2006, Six meter Club of Chicago, Du Page County Fairgrounds, 2013 Manchester Rd., Wheaton, IL. Information: 24-hour InfoLine 708-442-4961 or www.qsl.net/K9ONA. e-mail WA9RIJ@mc.net

July 12-15, 2006. The Mobile Amateur Awards Club (MARAC) will be holding their 38th Annual National Convention in Appleton, Wisconsin. Check out:

www.marac.org/marac2006.htm.

July 28 & 29, 2006 Central States VHF Society Annual Conference. Ramada Mall-of America (formerly the Thunderbird), Bloomington, MN. Additional information at www.csvhfs.org or request information at info@csvhfs.org.

August 5, 2006, Quincy, IL Eagles' Alps, 3737 North 5th Street Western Illinois ARC. http://www.w9awe.org Talk-In: 147.030 + 600 (PL 103.5). Contact: Michael Nowack, NA9Q, 2011 North Sheridan Drive, Quincy, IL 62305, Phone: 217-224-8526. Email: mnowack@adams.net

August 6, 2006. Bolingbrook Amateur Radio society's 21st annual Hamfest. Bolingbrook High School, 365 Raider Way, Bolingbrook, IL. (enter door #17). Contact: BaARS Hamfest Chairman, Tom Ballard, N9LJY at 630-739-3740.

August 12, 2006 Circus City Swapfest, Sauk County Fairgrounds, Baraboo, WI. Contact: Steve Schultze, W9UDO, (608) 356-2313 or Bill Klinkner, N9KXX, (608) 643-6908/643-6453 www.yellowthunder.org

August 26-27, 2006, Radio Expo 2006. Chicago FM Club, Lake County Fairgrounds, Rte's 45 & 120, Grayslake, IL. **Talk-In:** 146.760 (PL 107.2) **Contact:** Mike Brost, WA9FTS, 5127 North Monterey Avenue, Norridge, IL 60706, Phone: 708-457-0966, Fax: 708-457-0966, Email: mbrost@cin.net,

September 09, 2006, Galesville, WI. Riverland ARC swapfest. Trempealeau County Fairgrounds, Galesville, WI. **Contact:** Tom Peterson, KC9ECI, 20525 West Gale Avenue, Galesville, WI 54630. Phone: 608-582-4578. Email: tom@galesvillefiredepartment.org. http://www.lacrossehams.org/galeswap.html **Talk-In:** 146.97 - no tone 146.520 simplex

September 10, 2006, Swapfest, sponsored by SEWFARS at Richfiled Chalet, 1271 Hwy 175, Hubertus, WI. e-mail to sewfars@hotmail.com or call: 1-866-837-0240 (toll free) or 262-628-7791. SEWFARS Swapfest, PO Box 105, Eagle, WI 53119.

September 15-16 2006, W9DXCC Convention, Northern Illinois DX Association. Holiday Inn, 1000 Busse Road, Elk Grove Village, IL **Talk-In:** 147.36. **Contact:** Bill Smith, W9VA, 1345 Linden Avenue, Deerfield, IL 60015, Phone: 847-945-1564, Fax: 847-945-6554, Email: w9va@aol.com or http://www.w9dxcc.com

September 16-17, 2006. Peoria Superfest, Exposition Gardens Fairgrounds, 1601 W Northmoor Rd, off N. University, Peoria, IL. Contact: Peoria Superfest, PO Box 3508 Peoria, IL 61612-3508. (309) 692-2378. e-mail: w9uvi@arrl.net. http://www.peoriasuperfest.com.

October, 8 2006, Crown Point, IN, Lake County Fairgrounds, 889 South Court Street. Lake County ARC http://www.qsl.net/w9lj/ Talk-In: 147.600 MHz input/147.000 MHz output (PL 131.8); 146.52 simplex. Contact: Rich Gilles, KA9SVS, 156 South Ridge Street, Crown Point, IN 46307-4179, Phone: 219-662-0594, Email: paris156@yahoo.com

November 5, 2006, Fox Cities Radio Club 2006, Swapfest. N8870 Fire Lane 1, Menasha . Waverly Beach at the North tip of Lake Winnebago. For information contact: N9RJZ@tponet.com, (920) 729-0797 or W9ZL Swapmeet, 163 Main Street, Menasha, WI 54952.

November 18-19, 2006, Indiana State Convention (Fort Wayne Hamfest & Computer Expo) Fort Wayne, IN. Allen County War Memorial Coliseum, 4000 Parnell Avenue. Allen County Amateur Radio Technical Society http://www.fortwaynehamfest.comTalk-In: 146.88 (-) Contact: James D. Boyer, KB9IH, 3031 Wilderness Road, Fort Wayne, IN 46845. Phone: 260-489-6700. Email: kb9ih@arrl.net

January 6, 2007, Waukesha, WI. 34th Annual Midwinter Swapfest, sponsored by the West Allis RAC. Waukesha County Expo Center Forum, Waukesha, WI. For information contact: www.warac.org, WARAC Swapfest, PO Box 1072, Milwaukee, WI 53201, or Phil, W9NAW, (414) 425-3649 GPS coordinates: Latitude 43.03227, Longitude -88.23948

April 21, 2007, Madison Area Repeater Association Swapfest, Stoughton, WI. Mandt Community Center, 400 Mandt Parkway, Stoughton, WI. Inquiries can be directed to: w9hsy@execpc.com or write to MARA, PO Box 8890, Madison, WI 53708-8890, Tele: 608.245.8890 For more information see the MARA website www.qsl.net/mara.

Further information about hamfests in the area can be found at bsss.org or at http://www.arrl.org/hamfests.html If your organization is sponsoring a Hamfest/Swapfest and would like us to list your event, please send the information to Ken Ebneter, K9EN at the address on page 2 or to k9en@arrl.net

Badger State Smoke Signals

Amateur Radio Education and Information

CHAIRMAN/PUBLISHER: Kenneth A. Ebneter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560. e-mail to:
kenneth.ebneter@verizon.net

EDITOR:

TREASURER: Kenneth A. Ebneter, K9EN, 822 Wauona Trail, Portage WI 53901.

EDITORIAL BOARD: Ken Ebneter, K9EN; Don Evenson, K9JYX.

Subscription Rate

1 year (6 issues—bi-monthly)$13.95

A subscription form is in this issue. Special club package reduced rates are available. For information, contact Ken Ebneter, K9EN.

When to Send It

The closing date for each issue is the first of the month before the issue date. For example, the closing date for the May issue is April 1. The only exception is for participating clubs' minutes. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections, and exchange papers should be sent to Ken Ebneter.

Editorial material, photographs, and feature articles should be sent to Ken Ebneter, K9EN.

Web page material should be sent to n9qa@arrl.net (Dave Knaus, N9QA).

Inquiries about advertising should be directed to Ken Ebneter.

Club, swapfest, and Test Point information should be sent to Ken Ebneter.

Swapfest ADS should be sent to Ken Ebneter, K9EN no later than eight weeks before the events date.

Subscriptions should be sent, with check or money order, to Ken Ebneter.

Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals.*

This newspaper is produced by volunteer radio amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

Badger State Smoke Signals is incorporated as a Wisconsin non-stock, non-for-profit organization.

Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

CLUB MEETINGS

Appleton
FOX CITIES AMATEUR RADIO CLUB Meetings: Third Mondays, 7:00PM., Goodwill Community Center, 1800 S. Appleton Road, Menasha, WI. Information: Brian Long KB9LRD fcarc@w9zl.org Website: http://www.fcarc.us

Baraboo
BADGERLAND AMATEUR TELEVISION SOCIETY (BATS) Check BATS Web page: http://www.shopstop.net/BATS/

Baraboo
YELLOW THUNDER AMATEUR RADIO CLUB Meetings: See the YTARC column elsewhere in this issue for meeting times and locations. For further information: http://www.qsl.net/ytarc.

Dubuque, IA
GREAT RIVER AMATEUR RADIO CLUB Meetings: First Monday of each month, 7 p.m. at the Red Cross Center, 2400 Asbury Road. The club serves the tri-state area. On the Web: http://www.qsl.net/wb0lob/. Information or questions to: N0hdc@aol.com.

Eau Claire
EAU CLAIRE AMATEUR RADIO CLUB Meetings: 2nd Tuesday - 7 p.m., Eau Claire Parks & Recreation, 1300 First Ave., Eau Claire, WI 54703. All hams and guests welcome. W9EAU repeater 146.91 MHz, tone 110.9 Hz. Information: Jim Staatz, KG9RA, President, P.O. Box 1867, Eau Claire, WI 54702-1867. Phone (715) 838-9108, Email kg9ra@ecarc.org. Web page: http://www.ecarc.org

Fond du Lac
FOND DU LAC AMATEUR RADIO CLUB Meetings: Second Monday at Moraine Park Technical College, Fond du Lac, WI. Time: 7 p.m. Sunday net: 7:30 p.m. CDT, K9IA repeater, 145.430 - PL 107.2 Information: Jack Heil, KG9IN, 920.922.1413. Email: kg9in@fdlhams.org Web: http://www.fdlhams.org.

Fort Atkinson
TRI-COUNTY AMATEUR RADIO CLUB second Thursday monthly except June to August, 7 p.m., at Dwight Foster Public Library in Fort Atkinson. ARES Net each Wednesday evening at 8 and club net Monday evenings at 8 on 145.49 repeater. Contact: Glenn Eisenbrandt, WA9VYL, 920.563.6502, or John Satterlee, WA9SAB, 920.563.6381.

Grafton
Ozaukee Radio Club (ORC) Second Wednesday of each month at 7:30 p.m. Grafton Multipurpose Senior Center, 1665 7th. Ave., Grafton, Wisconsin www.qsl.net/orc/.

Green Bay
GREEN BAY MIKE AND KEY CLUB Meetings: Second Thursdays, 7:30 p.m., Media Services area of J. M. Science Building at St. Norbert College in DePere. Information: Kevin at kb9sne@yahoo.com.

Green Lake
GREEN FOX AMATEUR RADIO CLUB Greater Green Lake County area. Meetings: Third Mondays, 7:30 p.m., Green Lake Town Hall, intersection of County Highways K and N.

Houghton, MI area:
The CCRAA is the "Copper Country Radio Amateur Association" and they hold meetings the first Tuesday of each month at the Dollar Bay Fire Hall. Summer meetings (June, July, August, and September) are held at the CCRAA Clubhouse in Osceola (2 mi. S. of Calumet, MI)

Hudson
St. CROIX VALLEY RADIO AMATEURS Meetings: Third Tuesdays, St. Croix County Emergency Government Center, Carmichael Road, Hudson. Short business meeting at 7:30 p.m. followed by program. Talkin: 145.13 MHz. All are welcome!

Juneau
ROCK RIVER RADIO CLUB Meetings: First Tuesdays, 7:30 p.m., Dodge County Administration Building, 127 East Oak Street, Juneau, WI. ARES Nets: 146.64 (-600) Mondays, 7:30 p.m., Saturdays, 7278 KHZ, Alternate in 3.947 at 10:00 AM. & Wednesday, 1908 KHZ 8:00 PM, Wintertime.

Madison
SPACE PLACE AMATEUR RADIO CENTER No meetings. Located on U.W.-Madison campus. Guest operators are welcome to operate the U.W. Space Place Amateur Radio Station, N9UW. Information: Don Michalski, W9IXG, President, (608) 263-4685. Email: n9uw@sal.wisc.edu.

Madison
BADGER AMATEUR RADIO SOCIETY University of Wisconsin - Madison/W9YT Meetings: Third Mondays at 7:00 p.m. in UW Union South. Room number posted on the Today in The Union board. Information: Don Michalski, W9IXG, (608) 263-4685. Email: w9ixg@arrl.org. Web: http://www.qsl.net/w9yt.

Madison
Madison DX Club, meetings are on every fourth Tuesday of each month; see http://madisondxclub for more details.

Madison
FOUR LAKES AMATEUR RADIO CLUB Meetings: Third Tuesdays, 7:30 p.m., Red Cross Building, 4860 Sheboygan Avenue, Room C, downstairs. First building west of Hill Farms State Office Building.

Manitowoc
MANITOWOC COUNTY RADIO AMATEURS (ManCoRad) Second Wednesday of each month. Club board meets at 6:30 p.m., and Regular meeting is at 7:30 p.m., at 1105 Fleetwood Drive, 2nd floor (Old County Shop building on northwest side of city.) For Additional information please see our club web-site www.qsl.net/w9dk or contact Fred Neuenfeldt, W6BSF, (920) 682-9312. Email: w6bsf@arrl.net.

Marinette WI
Menominee MI
Amateur Radio Club Meetings held second Thursday 7:00PM each month BAMC Tenth Avenue Menominee Michigan in the basement. Guests welcome e-mail secretary kg9ad@arrl.net

Medford
Black River Amateur Radio Association Meetings: Normally the first Thursday of each month. Usual meeting time is 7 PM. Most meetings are held at the Taylor County Courthouse. Directions: Those attending should park in the main courthouse parking lot on the east side of the building, and enter using the main courthouse entrance or the sheriff's dept. entrance. Proceed to the lower level of the courthouse using the stairs or elevator. We meet in the "break room" on the lower level, near the Emergency Government office. Talk-in on the 147.15 repeater (114.8 Hz PL, +600 kHz offset) and 146.52 MHz simplex. Contact: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405. Phone: (715) 223-3996.

Menomonee Falls
FALLS AMATEUR RADIO CLUB, INC. Meetings: Last Wednesdays at Bank One building in Germantown. Doors open 7 p.m. Meeting time: 7:30 p.m. Guests are welcome!

Menomonie WI
Saturday coffee at Burger King, 544 Main Street, at 9 a.m. Social hour on 4th Tuesdays at 7:00 p.m. at the Depot, 2616 Hills Court, north of Walmart on highway 25 North, in January, March, April, and September through November. Guests welcome!

Milwaukee
GREATER MILWAUKEE DX ASSOCIATION Meetings: Fourth Monday of month, 7:30 p.m. Contact any GMDXA member, or Gary Schwartz, K9GS, (262) 363-4439. Email: garyk9gs@arrl.net.

Milwaukee
MILWAUKEE RADIO AMATEURS CLUB Meetings: Last Thursdays, 7:00 p.m. Redemption Lutheran Church, 4057 North Mayfair Road, Wauwatosa, WI. Mailing address: P.O. Box 070695, Milwaukee, WI 53207. Web: http://www.qsl.net/mrac . Email: w9rh@arrl.net.

Monomonie
RED CEDAR REPEATER ASSOCIATION, INC. Saturday coffee at Hardee's in North Monomonie, corner of Highways 12 and 25 at 9 a.m. Social hour on 4th Tuesdays at 7:30 p.m. at the Peppermill Too, 1414 9th Street in the L-Mart Shopping Center in January, March, April, and September through November. Guests welcome!

Northeast Area
NORTHEAST WISCONSIN DX ASSOCIATION Meetings quarterly: April 28, Marinette; August 25, Fox Valley; November 10, Green Bay. For specific information about meetings, check http://home.new.rr.com/newdxa/. Contact us at w9dxa@arrl.net.

Oak Creek
SOUTH MILWAUKEE AMATEUR RADIO CLUB Meetings: First Wednesdays, Legion Post #434, Shepard Ave., Oak Creek, WI. In March and October the meetings are turned into Auction Nights.. The club WEB site is ww.qsl.net/wa9txe

Onalaska
RIVERLAND AMATEUR RADIO CLUB Meetings: First Tuesdays, 7 p.m., Onalaska Community Center. More information: http://www.qsl.net/wr9arc/ . Email: wr9arc@qsl.net.

QCWA Chapter 162
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Southeastern Wisconsin Chapter 162. Meetings: Third Monday in January, March, May, July, September, and November, 7:30 p.m., usually at Meadows Restaurant, Franksville, WI. Social events: Third Sundays in February, April, June, August, and October. Christmas party: Usually second or third Sunday in December.

QCWA Chapter 55
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Wisconsin Chapter 55 meets the first Saturday of June and October. For information about Chapter 55, contact Ron Yokes, W9BCK, Secretary, 612 N. Pt Washington Road, Grafton, WI 53024-9703. (262) 375-1774. mailto:rryokes@execpc.com.

Racine
LAKESHORE REPEATER ASSOCIATION Meetings: Last Tuesday, January, April, July, October. American Red Cross Building, 4521 Taylor Ave., Racine, WI.

Racine
RACINE MEGACYCLE CLUB Meetings: Second Mondays, 7:30 p.m., American Red Cross Building, 4521 Taylor Ave., Racine, WI.

Rhinelander
NORTHWOODS AMATEUR RADIO CLUB Meetings: Third Tuesday of Sept., Nov., Dec., Feb., and April for dinner business meetings at Ella's Restaurant, Jct. of Hwy. 51 and 70, north side of Woodruff, WI. Talkin on Sayner or Tomahawk repeaters. The Northwoods ARC News is on the club web site. http://www.freeyellow.com/members7/nwarc.

Sheboygan
SHEBOYGAN COUNTY AMATEUR RADIO CLUB Meetings: Second Tuesdays. 7 p.m., Sheboygan County Red Cross/Boy Scout Building, 2032 Erie Avenue.

Shell Lake
Northland ARC meetings are held the first Saturday of each month after breakfast. Location: Schmitz's Economart Deli. Located on US Hwy.63 on the south end of Spooner. The meeting will start at approx. 8:00 AM. Breakfast usually starts by 7:30 AM. Come and see what we're about. Anyone, even if you're licensed or not and has an interest in ham radio is welcome to attend! Next Meeting: Sept 4th, 2004 at 8:00 AM. So Please plan to attend!!!!! http://home.centurytel.net/NorthlandARC/.

(Continued on page 11)

Wisconsin Nets Association Ltd.

Dean R. Herriges, KB9ROB, Secretary
W370 S9590 Highway 67 ● Eagle, WI 53119

WISCONSIN NETS

Net	WNA	Freq.	UTC	LOCAL	Manager
BWN	YES	3985	1100	0600	W9IXG
BEN	YES	3985	1700	1200	KE9VU
WSBN	YES	3985	2215	1715	K9FHI
WNN	YES	3723	2300	1800	KB9ROB
WSSN	YES	3645	2330	1830	N9JIY
WIN/E	YES	3662	0000	1900	WB9ICH
WIN/L	YES	3662	0300	2200	W9UW
RCRA	NO	01/61	0030	1930	KA9OMC
	(Mondays CDT— Menomonie Area)				
Green Bay Area	NO	72/12	0245	2145	WB9NRK
ARES	NO	4.65/5.25	0200	2100	
	(South East/South Central Wisconsin)				
ARES/RACES (WRACES)	NO	3997.5	2300	1800	N9VAO
	(Sundays)				

Wisconsin Section STM Report

March 2006

FAQ # 54 What are some of the little things that make sending traffic easier? (1) Preview the message. Know what you're going to send before you start. Decide what you will have to spell or identify in the preamble, address, text, or signature. (2) Pacing. Send at the speed the receiver can copy. Even if you're in a hurry, clear speaking and careful sending saves time by eliminating repeats. Think in terms of the receiving operator. Getting the message through accurately is what we do. (3) Practice. Even if you're sending a simple report, use the full radiogram form. Say your call instead of "my station" and the date instead of "today." Don't forget the "break" (BT) before the text and the one before the signature. Using the full form makes us all more familiar with it, makes it second nature, so that when we're copying under stress we'll do it as a reflex. Participation in our section nets will familiarize you with voices, rates of speech, fists, and the copying speed of various operators even under poor conditions.

April 2006

FAQ # 55 Why not just *listen* to the section nets? Why check in? Thanks to the lady in the balcony for that question. We encourage actually checking in to the nets for a number of good reasons. (1) It tests your equipment on a regular basis. When something's wrong, it's noticed. When you need it, it's more likely to work well. (2) The best way to learn is by doing. Following the NCS's directions becomes automatic. You won't have to learn the protocol under more stressful conditions. (3) Band conditions provide good training. Bad skip, static crashes, interference, can be a challenge. Working together, stations on a net can overcome these problems. That cooperation is valuable. (4) Hearing other stations regularly can familiarize you with their voice patterns, fists, or operating techniques. (5) When you check in, the NCS knows there's an outlet to your city. That will make routing traffic more efficient.

Make your presence known. Check in and add your comments, if you're asked. It's a great way to train and an even better way to make friends.

73 – K9LGU/STM - WI

Check us out on the web at http://www.bsss.org

WISCONSIN SECTION MONTHLY NET ACTIVITY SUMMARY

MARCH 2006

NET	QNI	QTC	QTR	SSNS	NM
BWN	070	2654	4906	31	W9IXG
BEN	53	40	998	31	KE9VU
WSBN	01	87	1289	31	K9FHI
WNN	00	23	385	31	KB9ROB
WSSN	61	25	321	30	N9JIY
WIN/E	48	16	235	30	WB9ICH
WIN/L	09	29	287	31	W9UW
WRACES	114	0	220	4	N9VAO
totals	156	2874	8641	219	

APRIL 2006

NET	QNI	QTC	QTR	SSNS	NM
BWN	1870	2512	4912	30	W9IXG
BEN	480	39	887	29	KE9VU
WSBN	711	63	1166	30	K9FHI
WNN	134	12	257	23	KB9ROB
WSSN	163	22	303	28	N9JIY
WIN/E	118	27	225	27	WB9ICH
WIN/L	123	44	245	27	W9UW
WRACES	127	1	280	5	N9VAO
TOTALS	3726	2720	8275	199	

STATION ACTIVITY SUMMARY

MARCH 2006

STATION	ORIG	RCVD	SENT	DLVD	TOTAL
KA9EKG	44	611	560	28	1243 - BPL
WZ9I	30	503	30	4	567 - BPL
KB9KEG	36	152	36	152	376
AG9G	0	22	70	0	92
W9UW	0	38	36	1	75
K9LGU	0	34	32	1	67
K9FHI	0	27	28	0	55
W9BHL	0	10	44	0	54
KG9B	0	10	43	0	53
W9KKM	0	2	39	2	43
K9GU	0	0	30	0	30
N9NNN	0	0	30	0	30
W9RTP	3	10	12	1	26
W9RSX	0	2	21	2	25
WD9FLJ	2	10	3	9	24
KB9ROB	0	14	5	2	21
KN9P	0	8	8	0	16
N9UAR	3	0	3	0	6
W9PVD	0	1	1	1	3
K9UTQ	0	0	1	0	1

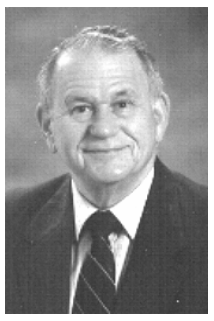
APRIL 2006

STATION	ORIG	RCVD	SENT	DLVD	TOTAL
KA9EKG	43	610	546	26	1225 –BPL
KB9KEG	32	261	32	261	586 -BPL
WZ9I	17	448	17	11	493
K9LGU	0	61	41	0	102
AG9G	0	13	57	0	70
K9FHI	0	27	28	0	55
W9UW	0	32	13	1	46
W9BHL	0	6	37	0	43
W9KKM	0	2	38	2	42
KE9VU	0	25	13	0	38
KG9B	0	0	29	0	29
K9GU	0	0	28	0	28
WB9ICH	0	21	4	1	26
AA9BB	0	0	25	0	25
KB9ROB	0	17	4	2	23
KN9P	0	11	11	0	22

(Continued on page 6)

The Computer Corner

by Stan Kaplan, WB9RQR
715 N. Dries Street
Saukville, WI 53080-1664
(262) 268-1949
skaplan@mcw.edu



THE COMPUTER CORNER

No. 130. A Tip, CERT, and Foxit

- by Stan Kaplan, WB9RQR
715 N. Dries Street
Saukville, WI 53080-1664
(262) 268-1949
skaplan@mcw.edu

Here is a useful tip. Have you ever had a folder (directory) in which you wanted the items sorted a certain way? For example, here is a folder that contains shortcuts to my games:

GAMES, unsorted



I like to play these games in a certain order. However, by default, Windows sorts them left to right and top to bottom, based upon their names. **BA**ckgamn before **BL**oobs before **BO**ard Games and so on.

Now, these are all shortcuts to game programs, so it is a simple matter to right-click and rename them in a way that will keep them in any order I please. Simply precede each shortcut with a number. Now, when the GAMES folder is opened, the shortcuts are sorted based not on the name, but rather on the number. Take a look at the sorted shortcuts below, now sorted in the order that I prefer to play them. Note that I had 11 icons to deal with, so after 8, I used 90, 91 and 92 to create the sort order I wanted. Windows is foiled and the human wins! Another tip that may be even more useful to you: This ploy also works with sorting names in your cell phone! Now you can sort your contacts in order of importance, rather than just by first or last name.

GAMES, sorted



Now let me switch gears, and put in a plug for some training. Are you sure you know what to do (for yourself and your own family) if a disaster strikes your area? A tornado? A flood? A nearby Hazardous Materials (HazMat) spill? Did you know you can ***significantly*** reduce the danger to yourself and your family by taking steps ahead of time that mitigate the danger? Did you know there is a free training program available that will outline these steps, as well as provide you with a free backpack containing some needed supplies and equipment to help you cope with disasters? Moreover, the training program teaches you how to become part of a disaster relief team if your own family and property are OK but your neighbors or co-workers need help.

What do you need to invest? Not one penny – just some time. Typically, these training programs occupy two of your days. In my county, we hold 'em on a weekend, a Saturday and Sunday. Just finished a weekend training 14 persons (I am an instructor in the program). What is the name of this program? CERT. Community Emergency Response Team.

Here is the logic. Following a major disaster, first responders (firefighters, police officers, emergency medical technicians, HazMat technicians) are ***not*** going to be able to reach all the folks that need their help. It may be hours or even days before that happens. Witness the pandemonium after Hurricane Katrina down south. The CERT program is aimed at training people to help themselves (and their families, neighbors and co-workers), until the professional first responders can get to them. You learn how to size-up the situation, how to turn off utilities to reduce danger from fire or electrical shock, how to suppress small fires, how CERT teams interact with ICS (used by the first responders when they get there), life-saving first aid steps, and so on. Each CERT course includes hands-on experience in extinguishing small fires, triage operations, search-and-rescue operations including cribbing techniques to lift heavy objects, and so on. The course even includes training in understanding the psychological impact of a disaster on yourself and survivors.

CERT has been around and in use for over 20 years in some parts of the US, but for some reason, we here in Wisconsin are just getting started in it. You will probably hear more about it in your own area of the state, but if you don't soon, call your county Emergency Management department to inquire concerning when a course will be held. CERT is part of Homeland Security, and is funded through Wisconsin Emergency Management and down to the counties within Wisconsin.

Hey, thanks for letting me stray from computer topics, and thank you for reading this. Now, find out about CERT in your area. At the very least, it can help make you and your family safer.

Here is a hot new tool, pointed out to me by Nels Harvey, WA9JOB: Tired of using the slow, bloated Adobe Acrobat to read .pdf files? A slick new reader is available, free. Much better than Adobe! It needs no fancy installation (it takes up no Registry space, and if you ever want to dump it, you just erase the program). It is much, much smaller than Adobe, and it opens instantly. It will even let you type on the opened .pdf document (though the free version will put "Edited by Foxit …" on the page when you save it). Will open .pdf files in your browser, too, just like Adobe.

Take my advice and replace Adobe. Do it in this order: 1. Uninstall Adobe Acrobat Reader, whatever version you have. 2. Download the free Foxit Reader from foxitsoftware.com. Run it and make sure that under Help, it is set to the default reader. Then make sure your browser has installed it as the default .pdf reader. To do this in Firefox, click Tools, Options, Download Actions – View and Edit Actions, and scroll down to PDF. Make sure Foxit is listed as the default reader. If it is not, click Change Action and add Foxit. It is worth your effort, if for nothing else, to recover five or six megabytes of space on your hard drive (don't forget to defrag after finishing). It is really great when a software group comes up with a slick new program and makes it free for us all. Thanks, Nels, for the tip!

Happy computing!

WISCONSIN SECTION MANAGER REPORT

APRIL 2006

WISCONSIN: SM: Don Michalski, W9IXG, SEC: KB9ENO, STM: K9LGU, SGL: AD9X, OOC: N9VE, PIC: KB9NUM, TC: K9GDF, BM: WB9NRK, ACC: N9LVS ASM: K9UTQ, W9DGI, N9VE.

** With regret, I am informing you of the passing of the following Amateur: -- Kenneth "Hap" Little, WB9SHS, 81.

** Governor Doyle signed the Proclamation designating June 24, 25, as Amateur Radio Operator Recognition Days. He was very cordial to the Amateurs in attendance (KC9HHX, KG9NG, N9ROY, N9TWA, and W9IXG) and expressed his gratitude on behalf of the citizens for the services we provide the State. He solemnly read aloud the entire proclamation before signing it. The proclamation is now on display at Wisconsin Emergency Management in Madison. A photo of the event at the Capital is on the Wisconsin ARRL website.

** I am adding a new feature to the Wisconsin ARRL site. If a club officer wishes to email me an interesting photo of an event, I will be happy to post it along with a short caption on the web for everyone to see! The limit is one club photo per month. It can be updated every month, if desired. I will keep it posted for 2 months. A brief description should be included.

(Continued on page 6)

Check us out on the web at Http://www.bsss.org

WISCONSIN SECTION MANAGER REPORT

(Continued from page 5)

For a few examples, go to the Wisconsin site http://www.arrl.org/sections/?sect=WI and scroll down to the bottom of the page. We recognize that your club has interesting activities and this is an opportunity to show it to others!

** A reminder that ARRL Affiliated Clubs can retain $15 for each NEW membership and $2 for each RENEWAL submitted to ARRL Headquarters (regular and senior memberships only). The form to use is found at this site: http://www.arrl.org/FandES/field/club/forms/rebate.pdf We hope that you take advantage of this offer to promote ARRL membership as well as increase your club treasury!

** Wayne Long, K9YNF, received the ARRL award for the best article in the December issue of QST! A photo of the presentation ceremony at AES Superfest is on the Wisconsin site. https://www.arrl.org/sections/?sect=WI. This is Wayne's second award for best article in QST. The man sure can write! Congratulations, again, Wayne!!

** We enjoyed attending the ECARC auction. I was impressed by the large turnout as well as the amount of equipment that was sold via the professional auctioneer. Where do they get that energy?! Looking forward to next year's auction!

** AES Superfest had a huge turnout. The ARRL booth was buzzing with activity. Bob Inderbitzen (HQ representative), Dick Isely (Central Division Director), Howie Huntington (Central Division Vice Director), and I were busy taking in a record number of memberships and enjoying eyeball QSOs. Thanks to everyone who attended and visited the booth.

** Those of you who have been using the Logbook of the World program, a benefit of ARRL membership, will be glad to know it is now checking QSO's for the WAS award. The next time you log in, go to the your accounts page. You will have to set up a new award account there before the LOTW will examine entries for WAS and report your status. You can set up several WAS award accounts and have the entries for each filtered for specific criteria. You may want to set up an account for a CW award or another account for 5 Band WAS. Our thanks to Brian, K9WIS, for these tips!

** Congratulations to Tom Ruhlmann, W9IPR, Ozaukee Radio Club president, for receiving the Ham of the Year award!

** The ORC conducted a BSA Merit Badge program. About 67 boys learned the basics of "radio", got on the air and earned their Radio Merit Badge. Congratulations to Mike Yuhas (KC9GDV) and Tim Boppre (KA9EAK) for orchestrating such an excellent program and thanks to all those who participated providing instruction etc. at the Jackson Town Hall and providing the other end of the "on the air" contact for each of the boys.

** T'is the season for public service events. Your help would be deeply appreciated in providing communications for the support of these worthy events. They are fun and provide valuable training. Remember, not having any equipment should not be an excuse. Check with your local club, if need be, to borrow a HT for the event! 73, Don, W9IXG

73, Don W9IXG

MAY 2006

WISCONSIN: SM: Don Michalski, W9IXG. BWN 3985 0500-0715 W9IXG. BEN 3985 1200 KE9VU. WSBN 3985 1715-1800 K9FHI. WNN 3723 1800 KB9ROB. WSSN 3645 1830 N9JIY. WIN-E 3662 1900 WB9ICH. WIN-L 3662 2200 W9UW. (All times are Central time)

** With regret, I am notifying you of the passing of these Amateurs:

-- Walter Schlifer, N9NRF, 50. Wally was a member of the Riverland ARC.

-- Glenn Manthey, K9SGU, 78. Glenn was a member of the Menomonee Falls club.

-- John Springer, KC9JS, 67. John was active in the Wisconsin nets and Skywarn.

-- Jerry Klabunde, K9JHK, 63. Jerry was active in Amateur Radio for 50 years.

-- Frank Kresh, WB9UKW, 84. Frank was a member of the Central Wisconsin ARC and very active in public service events.

-- Oiva Simila, N3OS, 89, passed away. He was formally W9HGB.

** Congratulations to the Fond du Lac ARC on their 50th year anniversary! A special "Fifty Year Celebration" QSL card has been printed to mark the occasion. It will be sent to amateur radio operators around the world who make contact with the club station, W9EBV, during any of the planned events this year.

** Did you know that donating to the ARRL Diamond Club https://www.arrl.org/forms/development/donations/diamondclub/ not only renews your membership but, also, allows you to use your donation as a tax deduction? Sometimes that is a forgotten fact. More information is found on this site: https://www.arrl.org/forms/note.html We hope that you take advantage of it.

** Amateur radio operators bring USS Cobia's signal back to life. These were the headlines in the Manitowoc Herald Times Reporter. "For two days, members of the Manitowoc County Amateur Radio Club (MANCORAD) brought the radio room of the USS Cobia at the Wisconsin Maritime Museum back to life and shared their knowledge with visitors -- including a Boy Scout troop." In fact, 30 Scouts were able to talk on the radio, according to Carl, KA9WYK. "Every year during the last week in April, the Submarine Veterans Amateur Radio Association sponsors the Submarine Radio Reactivation Weekend involving dozens of museum submarines and memorial sites in the U.S. and around the world. The weekend honors the "Silent Service" and the 52 submarines lost in World War II. "We try to get as many subs on the air. We get out and broadcast on amateur radio bands to other ships or to radio amateurs who want to talk to the operators on the submarines," said Fred Neuenfeldt, W6BSF. MANCORAD, which is celebrating its 60th year, hosted Boy Scout Troop 612 from Milwaukee on Saturday evening to give the scouts hands-on experience with amateur radio operation in preparation for earning their radio merit badges. Congratulations, MANCORAD!!

** West Allis RAC is going to teach Radio Merit Badge and set up a demo station at the Potawatomi Area Council's Scout Expo 2006. In conjunction with this event there will be a Merit Badge Clinics -- that's were WARAC comes in. Radio Merit Badge requires Scouts to learn and demonstrate a number of radio-related skills. Thanks to K9KR, W9JBE, and WA9AXQ for presenting the three main

(Continued on page 8)

Check us out on the web at http://www.bsss.org

WISCONSIN SECTION STATION ACTIVITY

(Continued from page 4)

WD9FLJ	4	4	4	4	16
W9RSX	0	0	15	0	15
K9UTQ	0	0	5	0	5
N9UAR	0	0	4	0	4
W9PVD	0	0	1	0	1

P S H R SUMMARY
MARCH 2006

CALL	1	2	3	4	5	6	T
KB9KEG	40	40	20	215	0	10	325
KG9B	25	40	20	90	0	0	175
AG9G	40	40	20	25	0	0	125
K9FHI	40	40	30	0	0	10	120
K9LGU	40	40	30	10	0	0	120
W9BHL	40	40	30	0	0	0	110
WD9FLJ	40	24	10	20	0	0	94
W9RSX	40	25	10	0	0	0	75
W9RTP	37	26	10	0	0	0	73

APRIL 2006

CALL	1	2	3	4	5	6	T
KB9KEG	40	40	20	215	0	10	325
K9LGU	40	40	30	30	10	0	150
AG9G	40	40	20	25	0	0	125
K9FHI	40	40	30	5	0	0	115
W9BHL	40	40	30	5	0	0	115
WZ9I	21	40	10	15	0	0	86
WD9FLJ	40	16	10	0	0	0	66
W9RSX	40	15	10	0	0	0	65

The Test Point



Amateur Radio Examination Locations and Schedules in the Area

June 03, 2006	Racine, WI
June 03, 2006	St. Paul, MN
June 08, 2006	Apple Valley, MN
June 10, 2006	Blaine, MN
June 10, 2006	Oshkosh (Omro), WI
June 15. 2006	Iron River, MI
June 17, 2006	Cottage Grove, MN
June 17, 2006	Rockford, IL
June 20, 2006	Eden Prairie, MN
June 24, 2006	Bloomington, MN
June 24, 2006	Tomahawk, WI
July 01, 2006	St. Paul, MN
July 08, 2006	Blaine, MN
July 08, 2006	Oshkosh (Omro), WI
July 13, 2006	Apple Valley, MN
July 15, 2006	Portage WI
July 15, 2006	Rockford, IL
July 15, 2006	Cottage Grove, MN
July 18, 2006	Eden Prairie, MN
July 20, 2006	Iron River, MI
July 22, 2006	Bloomington, MN
July 29, 2006	Milwaukee, WI (MRAC)
July 29, 2006	Tomahawk, WI
August 05, 2006.	St. Paul, MN
August 10, 2006	Apple Valley, MN
August 12. 2006	Blaine, MN
August 12, 2006	Oshkosh (Omro), WI
August 15, 2006	Eden Prairie, MN
August 17, 2006	Iron River, MI
August 19, 2006	Rockford, IL
August 19, 2006	Cottage Grove, MN
August 26, 2006	loomington, MN
August 26, 2006	Tomahawk, WI
September 02, 2006	Raine, WI
September 02, 2006	St. Paul, MN
September 09, 2006	Blaine, MN
September 09. 2006	Oshkosh (Omro), WI
September 12, 2006	Eden Prairie, MN
September 14, 2006	Apple Valley, MN
September 16, 2006	Rockford, IL
September 16, 2006	Cottage Grove, MN
September 21, 2006	Iron River, MI
September 23, 2006	Bloomington, MN
September 30, 2006	Milwaukee, WI (MRAC)
September 30, 2006	Tomahawk, WI
October 07, 2006	St. Paul, MN
October 12, 2006	Apple Valley, MN
October 14, 2006	Blaine, MN
October 14, 2006	Oshkosh (Omro), WI
October 17, 2006	Eden Prairie, MN
October 19, 2006	Iron River, MI
October 21, 2006	Portage, WI
October 21. 2006	Rockford, IL
October 21, 2006	Cottage Grove, MN
October 28, 2006	Bloomington, MN
October 28, 2006	Milwaukee, WI (MRAC)
October 28, 2006	Tomahawk, WI
November 04, 2006	Racine, WI
November 04, 2006	St. Paul, MN
November 09, 2006	Apple Valley, MN
November 11, 2006	Blaine, MN
November 11, 2006	Oshkosh (Omro), WI
November 16, 2006	Iron River, MI
November 18, 2006	Rockford, IL
November 18, 2006	Cottage Grove, MN
November 21, 2006	Eden Prairie, MN
November 25, 2006	Bloomington, MN
November 25, 2006.	Milwaukee, WI (MRAC)
December 02, 2006	Racine, WI
December 02, 2006	St. Paul, MN
December 09, 2006	Blaine, MN
December 09, 2006	Oshkosh (Omro), WI
December 14, 2006	Apple Valley, MN
December 16, 2006	Rockford, IL
December 16, 2006	Cottage Grove, MN
December 19, 2006	Eden Prairie, MN
December 21, 2006	Iron River, MI
December 30, 2006	Bloomington, MN
October 07, 2007	Racine, WI
Monthly, 1st Sat. (except Jan., Jul., & Aug.)	Racine, WI
Monthly, 1st Sat.	St. Paul, MN
Monthly, 2nd Thu.	Apple Valley, MN
Monthly, 2nd Sat.	Blaine, MN
Monthly, 2nd Sat.	Oshkosh (Omro), WI
Monthly, 3rd Tue.	Eden Prairie, MN
Monthly, 3rd Thu.	Iron River, MI
Monthly, 3rd Sat.	Rockford, IL
Monthly, 3rd Sat.	Cottage Grove, MN
Monthly, 4th Sat.	Bloomington, MN
Monthly, Last Sat. (Except Mar., Jun., Aug., & Dec.)	Milwaukee, WI (MRAC)
Monthly, Last Sat. (January thru October only)	Tomahawk, WI

GENERAL RULES FOR MOST EXAMINATIONS: Be sure to check with sponsors before going to an examination session. There may be changes and/or errors in the dates or information given. Some examinations require filing an FCC or NCVEC Form 605 and advance registration at least 30 days before the exam date. Some VE teams permit walkins. Check with the sponsor.

Many hamfests and swapfests offer examinations. A Hamfest entrance fee should not be charged if you come only to attend the examination. To register in advance, you must get a copy of the current FCC Form 605, and fill it out completely and correctly. Get your form from the FCC as instructed below, or from the American Radio Relay League, 225 Main Street, Newington, CT 06111. Please send an SASE if you request a form from the League. FCC Field Offices seldom stock forms. You can also get a form from

http://www.fcc.gov/formpage.html
or
ftp://ftp.fcc.gov/pub/Forms/Form605.

A form by FAX is available at (202) 418-0177 (request Form 000605). The FCC Forms Distribution Center will accept orders at (800) 418-3676. Form 605 has a main form, plus a Schedule D with two parts (for Vanity and Physician's Certifications). Forms can also be obtained from the sponsoring group.

See QST, W1AW bulletins, or The ARRL Letter regarding any annual exam fee changes. ARRL/VEC no longer gives a free code test or Element 2. Test fees: The ARRL/VEC has set its 2005 test fee at $14.00. FCC requires applicants to show their original amateur license or CSCE to the VE team. You must also have a good copy of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 605 and most VE teams need a copy for their records. One good CSCE copy is sufficient. You are also be required to have a photo ID, or two other forms of ID. Contact the VE team for details.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only. Proof must be either in the form of a pre-3/21/87 license document or a "Letter of Verification of Technician License Held Prior to 1987" as requested in writing from the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245. For those with internet access, a listing of exam sessions is available from:

http://www.arrl.org/arrlvec/examsearch.phtml

By checking this page, you can find registered VE sessions anywhere in the US and some overseas. You can search by country, state or zip code. The listing is not specific to any particular VEC. It is a master database. Thanks to Bart Jahnke, W9JJ, ARRL/VEC.

Adams, WI

Adams City Fire Dept., 101 N. Main St., Highway 13, Adams, WI. Contact Edward J. Wagner (608) 584-4858. ab9fn@arrl.net

Appleton, WI

Fox Cities ARC (ARRL/VEC) All regular test sessions are held at the American Red Cross Building, 1302 East Wisconsin Ave. in Appleton. Testing starting at 8 a.m. No walk-ins after 9 a.m. For information, contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (920) 730-0967. Email: w9mdp@arrl.net.

Eau Claire, WI

Eau Claire Amateur Radio Club. Grace Lutheran Church, 202 W., Grand Ave. Enter off 2nd Avenue entrance, Eau Claire, WI

Technician, General and Extra Class exams. Walkins welcome. Examination session coordinator: Jonathan E., Case, (715) 834-1540. www.ecarc.org. w9eau@ecarc.org.

Fond du Lac, WI

Fond du Lac ARC (ARRL/VEC). Community United Methodist Church, 701 Minnesota Ave., North Fond du Lac. 9:00 a.m. Walk-ins allowed. Contact: Douglas J. Schultz, 920-922-3088, schultz74@charter.net.

Houghton MI: Sponsor: HARC/CCRAA. Time: 8:30 AM (Walk-ins allowed). Contact: George R Thurner home phone, (906)337-2542, cell phone (906) 369-2542 Email: W8FWG@ARRL.NET VEC: ARRL/VEC Location: Michigan Tech University-US Hwy 41. Wadsworth Residence Hall, East End of Campus, G04w (Downstairs/Turn Left), Houghton, MI 49931

Iron Mountain, MI 49801: Sponsor: W5YI VEC. Time: 9:00 AM (Walk-Ins Allowed). Contact: Mark J Lewis, N8UKD, (906) 774-6598. VEC: W5YI VEC. Location: Dickinson County Library, 401 South Iron Mountain St., Arrival Time: 9:00 AM. Conference Room, Iron Mountain, MI 49801

Iron River, MI. Sponsor: Iron Range ARA (IRARC). Time: 6:30 PM (No walk-ins). Contact: Dan R Waters, (906) 265-4240. Email: dmwaters@ironriver.tv VEC: W5YI VEC. Location: Iron River Lutheran Church, Across From Mcdonald's. Pre-Registration Required. If no applicants - No testing. Iron River, MI 49935

Madison, WI

The Madison Wisconsin, Four Lakes Amateur Radio Club sponsored VE testing has moved to the new University of Wisconsin Space Place, 2300 South Park Street, lower level, Madison, WI in the Villager shopping center complex. Exams are given the first Saturday of the month. Holidays included. Doors open at 8:00 AM, and we hope to have all exams completed and graded by 10:00 AM.

Please bring a picture ID, your original license, a copy of your license, and the original and a copy of any relevant CSCEs, and a check for $12.00 made out to the ARRL/VEC. No appointments are necessary to take exams. Exams start promptly at 8 a.m. Questions may be directed to Tim Czerwonka, WO9U, at 608-239-3696 (home phone) or sent to wo9u@arrl.net.

Marshfield, WI

Sponsored by the Marshfield Area ARS. Saint Joseph's Hospital, 611 Saint Joseph Ave., Room 124, Hospice South Bldg., Marshfield, WI 54449. Contact Lee A. Olson, (715) 389-8888.

Mauston, WI (ARRL/VEC)

Sponsored by the Juneau County ARC. 9:30 a.m. (Walk-ins allowed). Mauston City Hall, 303 Mansion St., Community Room, 4th Floor, Mauston, WI. Contact Edward J. Wagner, (608) 584-4858. ab9fn@arrl.net

Menominee, MI

Marinette-Menominee Amateur Radio Club. Location: The cafeteria of Bay Area Med Center, US-41 in Menominee. Building located next to KFC just off the Interstate Bridge. All classes given. Advance notice preferred, but not required. Test fee is $10 with two pieces of identification required. Contact Jeff Rymer, N9PQU at jrymer@ez-net.com or Ed Engleman, KG8CX, at dxer@cybrzn.com. We will monitor the 147.000 (107.2 pl) repeater in event further directions or info is needed.

Milwaukee, WI

Milwaukee Radio Amateurs' Club (MRAC VEC) Last Saturday, except in March, June, August, and December. In addition, we test at the West Allis RAC Swapfest in January and at Superfest in April. 9:30 a.m. to noon at Amateur Electronic Supply (AES), 5710 W. Good Hope Road (the door you enter is actually numbered 5730), Milwaukee. For additional information, call (262) 797-MRAC. Bring along your original license, CSCE (if any), and one (1) good quality photocopy of each, plus two forms of identification, such a driver's license, etc. Also required is $8.00 for the exam fee. Walkins are welcome. To register in advance, use a post card. Print the grade of license you are applying for, your name, address, and telephone number, and send the card to MRAC/VEC, Milwaukee Radio Amateurs Club, P.O. Box 070695, Milwaukee, WI 53207. Contact: John G. Kraak, 262-797-6722.

Negaunee, MI. Sponsor: HIAWATHA ARC. Time: 8:00 AM (Walk-ins allowed). Contact: Richard E Schwenke, (906)249-3837, Email: n8gba@chartermi.net VEC: ARRL/VEC. Location: Health Dept Bldg (Downstairs), 184 US 41 E, Entrance @ Back of building. Negaunee, MI 49866

Onalaska, WI

Sponsor: Riverland ARC, Time: 9:00 AM (Walk-ins allowed), Contact: Roger C. Reader, (608)783-0723. Email: readers@centurytel.net. VEC: ARRL/VEC. Location: Onalaska Public Library. 741 Oak Ave S. Onalaska, WI 54650

Oshkosh, WI (Omro)

Oshkosh VE Team Amateur Radio exams monthly on the second Saturday. Registration begins at 8:30 a.m. and exams will be given from 9 a.m. until noon. Omro Community Center, 130 W. Larrabee, Omro, WI. Walkins welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE, etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The exam fee is $6.65. For more information, please call Dick Lemme, K9FA, at (920) 235-0987, e-mail: lemme@vbe.com, or write Dick at 826 Jefferson Street, Oshkosh, WI 54901.

Portage, WI

ARRL/VEC Amateur testing on July 15th and Oct. 21st 2006. Testing will begin at 10:30 AM at the Portage Public Library 253 w. Edgewater St. Portage, WI. For more information contact Brian Smith, KG9OG at 608-742-4562 or Ed Wagner, AB9FN at ab9fn@yahoo.com. Walk-ins are welcome.

Racine, WI

ARRL VEC Monthly - first Saturday, except January, July, and August. Monthly exams are given 9 to 11 a.m. at the Faith United Methodist Church, 1013 Harmony Drive, Racine. Walk-ins are permitted. Talk in on 147.87/.27. Inquiries and registrations should be directed to Paul B. Smedegaard, N9RGW, 929 Lathrop Ave., Racine, WI 53405-2339. Telephone: (262) 637 4750. or e-mail to smedegaa@wi.net

Rockford, IL

Northern Illinois Volunteer Examiners

(Continued on page 9)

WISCONSIN SECTION MANAGER REPORT

(Continued from page 6)

topics!

** Les Peterson, W9YCV, is now on the air at Harmony Living Center (thanks to John, K9IAC and Tom, K9BTQ); but a continuous 20/9 noise level on all HF bands prevents him from hearing anything. Tom is working with WE Energies to take care of the noise. We are looking forward to hearing from Les on the Wisconsin nets! Thanks, guys.

** The ORC Swapfest kicked it up a notch this year with many quality door prizes, 3 forums and a President's Roundtable. We are looking forward to next year's event!

** I receive many high quality newsletters every month. We hope that everyone will take a moment to thank your club newsletter editor for their hard work. A little recognition by the club members would be appreciated, I'm sure!

73, Don W9IXG
ARRL Wisconsin Section
Section Manager:
Donald E. Michalski, W9IXG
w9ixg@arrl.org



.BSSS was at the recent Amateur Electronic Superfest held in April in Milwaukee. We enjoyed meeting with many of our readers who were there to enjoy the excellent supplier exhibits, forums and visiting with the many area clubs and organizations who had tables there.

While there AES manager, Ray Grenier, K9KHW, gave us the above picture taken in the 1960s. It was taken as part of a "Paint Damaged Carton" promotion being held at that time. It pictures Don Evenson, K9JYX, now of Baraboo, who at that time was an employee of AES then located on Lisbon Avenue in Milwaukee.

We also enjoyed meeting many of you at the swapfests in Jefferson and Stoughton and Unity, and look forward to seeing you at some of the events coming up this summer and fall.

73 ken k9en

BADGER STATE SMOKE SIGNALS
CD ROM—NOW AVAILABLE

BADGER STATE SMOKE SIGNALS
YELLOW THUNDER SMOKE SIGNALS
WISCONSIN NETS ASSOCIATION BULLETINS
WISCONSIN AMATEUR HERALD (K9KSA)
AND MORE

WISCONSIN AMATEUR RADIO HISTORY FROM 1969 TO NOW
ALL SCANNED IN AND CONVERTED TO .PDF FORMAT

ALL ON 4 CDs—SAVES MANY FEET OF SHELF SPACE

REGULAR PRICE $100.00

INTRODUCTORY PRICE OF $65.00

GETS YOU THE 4 CDs (shipping included)

OVER 7000 PAGES

Badger State Smoke Signals
Kenneth A. Ebneter
822 Wauona Trail
Portage, WI 53901
(608) 742-3560
k9en@arrl.net

BADGER STATE SMOKE SIGNALS

Subscription Form
Regular Individual Subscription Rate
1 Year (6 issues): $13.95
PLEASE PRINT ☐ **New** ☐ **Renewal**

Name _____

Call Sign (if any): _____

Address: _____

City: _____ **State:** _____ **ZIP:** _____

E-mail address: _____

Send me my BSSS by e-mail ☐
Send me my BSSS by mail ☐
Send me my BSSS by both ☐

Send this form, with check or money order to:
Ken Ebneter, 822 Wauona Trail, Portage, WI 53901.
Please do NOT send cash.

THE TEST POINT

(Continued from page 7)

(W5YI VEC) Third Saturday of every month. 9:00 a.m. to noon. No new applicants after 11:00 a.m. Walkins welcome. Held at St. Anthony Hospital, 5660 E State St., Rockford, IL. Contact: Randy Scott, W9HL, W9HL@ARRL.NET (815-877-4328).

Sheboygan, WI

Sheboygan County ARC (ARRL/VEC). Exams are held in the Red Cross Building, 2032 Erie Avenue, Sheboygan, WI. The test areas are handicap accessible with signage posted to direct candidates to the proper area of the building. Walk-ins are accepted, however notification ahead of time of your intention to appear would be appreciated. Contact: Art Pahr K9XJ, 920-876-2370. N8029 Willow Road k9xj@arrl.net Plymouth, WI 53073-2929

Tomahawk, WI

Tomahawk ARRL VE Team (ARRL/VEC). Last Saturday of every month, January thru October. Registration at 8:30 a.m. and testing starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Terry Collins, KB9AUP, W6564 Highway 8, Tomahawk, WI 54487. Telephone (715) 453-4633, dcollins@newnorth.net.

St. Paul, MN

Saint Paul Radio Club (SPRC) First Saturday of the month, 8:30 a.m. Test Site: St. Paul Technical College, 235 Marshall Ave., St Paul, MN. Ed Van Cleave, W0VC, (612) 636-0108. www.qsl.net/sprc/index.html.

Washington Island, WI

Contact: John W. Van Sandt, (217) 826-8821. n9yrx@hotmail.com

Wausau, WI.

Sponsor: WVRA. Time: 2:30 PM (Walk-ins allowed). Contact: Gerald L. Graebel, (715)842-9542 Email: w9glg@arrl.net. VEC: ARRL/VEC. Location: American Legion Golf Course, 1001 Golf Club Rd, Wausau, WI 54403



Shown above are ARRL Central Division Vice-Director, Howard Huntington, K9KM, Wayne Long, K9YNF, winner of the QST cover award for his article in December QST and ARRL Wisconsin Section Manager, Don Michalski, W9IXG, holding Wayne's award plaque presented for his article. This is Wayne's second award for best article in QST. Don says "The man sure can write! Congratulations, again, Wayne!!"

P*icture taken by BSSS at the AES Superfest in Milwaukee.*

Tenth Annual!

CIRCUS CITY SWAPFEST

Sponsored by:
Yellow Thunder Amateur Radio Club, Inc.

Ham Radio, Computer & Electronics Extravaganza!

SATURDAY, AUGUST 12, 2006

7:00AM UNTIL NOON

Sauk County Fairgrounds - Baraboo, Wisconsin

Vendors * Tail-Gate Area

Concessions * Free Parking * Camping

$5 Admission, $4 In Advance - 8 Foot Tables $5 Each

(1 Admission Included Per Table - ADVANCE SALES ONLY) - Set-up 6:00AM

VE Testing
9:00 am Code - 10:00 am Written

Talk-In
147.315 Repeater
+.600 input w/123.0 PL
WB9FDZ

The Sauk County Fairgrounds is located on highway 33, on Baraboo's far east side.
From I-90/94: Take exit 106 (Hwy. 33) west to Baraboo.
From Hwy. 12: Take Hwy. 33 east at the Kwik-Trip in West Baraboo.

For more information contact: Steve, N9UDO at (608) 356-2313 or n9udo@yahoo.com
Bill, N9KXX at (608) 643-6908 days, (608) 643-6453 evenings.

Visit us on the Internet: www.yellowthunder.org

For Advance Tickets, Send Check With A Self Addressed Stamped Business-Sized Envelope to:
Yellow Thunder A.R.C., 1120 City View Road - Baraboo, WI 53913

Company Name:_____ Phone #:_____

Contact Person:_____ Call Sign:_____

Address:_____ E-MAIL:_____

City:_____ State:_____ Zip:_____

No. Of Tickets:____ X $4.00=_____ Electricity Required? Y / N

No. Of Tables:____ X $5.00=_____ Total Amount Enclosed=_____

(one complementary admission ticket with the purchase of each table - ADVANCE SALES ONLY)

FCC WRC-03

(Continued from page 1)

international communications on behalf of third parties." The revised rule further provides that no station may transmit third-party traffic other than emergency or disaster relief communications to a station in a country lacking a third-party arrangement. Still excepted from the prohibition is any third party eligible to be the control operator of an amateur station.

* 97.113(a)(4) to prohibit amateur stations exchanging messages with amateur stations in other countries from making transmissions that are encoded for the purpose of obscuring their meaning, except for control signals exchanged between Earth command stations and space stations in the Amateur-Satellite service, something Part 97 already provides for. The old rule referred to the use of "codes and ciphers." The same rule also already prohibits transmitting music, communications intended to facilitate a criminal act, obscene or indecent words or language and false or deceptive messages, signals or identification.

* 97.117 to state that amateur stations may transmit communications incidental to the purposes of the Amateur Service and to remarks of a personal character.

The FCC also revised 97.3 and 97.309 to update the definition of International Morse code and of various digital codes in the amateur rules to reflect changes in the international Radio Regulations.

From ARRL BULLETIN
ARLB008, May 3, 2006

Wisconsin BPL update

(Continued from page 1)

measurements.html

Rural Electric Cooperatives do not fall under the control of Wisconsin's PSC. Electric Co-ops are controlled by the Federal Energy Regulatory Commission, FERC. Their guidelines are somewhat different than our Wisconsin PSC. We have someone in the PSC who is in regular contact with Jim Lackore, AD9X, State Government Liaison. If BPL attempts to sprout up, we should hear about it and take appropriate action. But, as in the case of Washington Island, this does not mean that a Rural Electric Co-op can't start a BPL operation without PSC knowledge. We have 27 rural electric co-ops in Wisconsin. You can help us by keeping your ear to the rail and letting us know if you hear of any BPL operation coming up. Thanks!

73, Don, W9IXG
ARRL Wisconsin Section
Section Manager:
Donald E. Michalski, W9IXG

THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association
Joel Papke, N9BQM, Treasurer
7968 Ubinger Road, Pittsville, WI 54466-9214

Andy Nemec, KB9ALN, Editor—453 Cottage Grove Avenue—Green Bay, WI 54304—e-mail: kb9aln@tds.net

No news from WAPR this issue. Watch for more next month.

ARRL'S "HELLO" CAMPAIGN A HIT AT NAB, RTNDA CONVENTIONS

When the National Association of Broadcasters (NAB) and the Radio-Television News Directors Association (RTNDA) met in Las Vegas for their annual conventions in late April, the ARRL was well represented. ARRL President Joel Harrison, W5ZN, headed the League contingent. Media and Public Relations Manager Allen Pitts, W1AGP, Pacific Division Director Bob Vallio, W6RGG, and Vice Director Andy Oppel, N6AJO, rounded out the delegation. The presence of thousands of broadcasters offered Pitts an ideal opportunity to promote the ARRL "Hello . . . -- Celebrating 100 Years of Voice over Radio Worldwide" public service announcements. Pitts gauged success on the basis of what he *didn't* end up taking home.

"I carried 60 full 'Hello' press books containing news releases, information and PSAs to the NAB," Pitts said. "At the end of the three days only one was left, and that went to a radio station manager I met in the airport going home." Pitts reports he's been hearing from hams, engineers and radio station managers that the PSAs are airing on cable systems and radio stations. In addition, of the 4500 brochures he took to the convention, he had but 300 left.

The highlight each year for radio amateurs attending the NAB convention is the ham radio operators' reception, sponsored this year by Bob Heil, K9EID, of Heil Sound Ltd. Some 2000 radio amateurs with broadcasting industry connections attended the April 26 affair.

The big news at this year's reception was that Heil will be inducted next month into the Rock and Roll Hall of Fame in Cleveland, Ohio. A veteran music industry soundman and sound reinforcement innovator, Heil has worked with some of the biggest names in the entertainment industry, including Chuck Berry, The Who, the Grateful Dead, Joe Walsh, WB6ACU, and ZZ Top.

NAB Vice President of Science and Technology John Marino, KR1O, co-hosted the event.

ARRL President Harrison greeted the gathering on behalf of the League and spoke briefly about the changes and challenges Amateur Radio faces in the 21st century.

Charlie Wooten, NF4A, was honored as Clear Channel Communications "National Engineer of the Year," and Heil presented him with a microphone bearing Wooten's call sign. Pitts credits Wooten with getting the "Hello" campaign PSAs on many Clear Channel radio stations.

Pitts said he found a lot of interest in the "Hello" campaign among those attending the broadcasters' gatherings. "But it takes more than just passing out disks to make it on the air," he added. "It takes a personal contact, and that's why we need continued action by our public information officers nationwide."

from THE ARRL LETTER

Radio Expo 2006
August 26th & 27th
Lake County Fairgrounds Grayslake IL

Grounds Open from Thursday at noon
Flea Market open both days at 6 AM
Exhibit Buildings open Sat 8 AM to 4 PM, Sun 8 AM to 3 PM

The Chicago FM Club presents
RADIO EXPO 2006
Aug 26th & 27th
Lake Co Fairgrounds
Rts 45 & 120
Grayslake IL

Radios | Computers | Electronics for everyone!

Newest amateur equipment from major manufacturers
Computer hardware and software by leading distributors
2 large buildings (over 40,000 sq ft) for indoor flea market tables
Hundreds of outdoor flea market sellers filling the fairgrounds
Advanced tickets $8 - At the Gate $10 - Good both days - Kids under 12 free
FREE PARKING - Outdoor electrical hookups available - VEC testing both days
Campground camping Self-contained $10.00 / Water-Electric $15.00 each day
Talk-in on the CFMC repeater 146.16/76 MHz (107.2 Hz PL)
Questions ??? Call Radio Expo 708.457.0966 (Voice-Mail & FAX)
or visit our web site at http://www.chicagofmclub.org



SWAPFEST '06

South Milwaukee Amateur Radio Club Inc.

Saturday, July 8th, 2006 --- 6:00AM

This is our 39th year!

American Legion Post #434
9327 S. Shepard Ave
Oak Creek, WI. 53154
Tickets: $5.00

Food & Beverages available after 6:00AM

This is an outside event -- Come prepared for ANY weather
First come = First Served

This is an ARRL sanctioned event

Talk-in Freq:	For More Info	Or Call:	Prizes:
146.52 S [WA9TXE] And Local Repeaters	e-mail: ryatex@aol.com	1-414-762-3235 Ask for Verne	Hourly Door $100 @ noon

You Need not be Present to Win Main Prize

******** Club Auctions *******

1st Wednesday in March	1st Wednesday in October

Same place as the SWAPFEST - Upper Building only
Doors open at 6:00PM ----- Mark your calendars now!

Copyright © 2004 Bob Kastelic, Revised - February, 2006

Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call)
K9ODK (Robert L. Prine Memorial Call)
Club net: Sundays 8:00 p.m. on 147.315
Robert Loomis, KB9VSQ, Secretary
108 Scarlet Ct.., Reedsburg, WI 53959
YTARC Home Page: http://www.qsl.net/ytarc/

Minutes of the April 4, 2006 meeting of the Yellow Thunder Amateur Radio Club, Inc.

Meeting opened at 7:30 by Steve N9UDO, President. Minutes of the March meeting were waived, as there was not a quorum present at that meeting.

Treasurers report: We have $4,125.79 in the checking account. No outstanding bills.

Old Business: It was reminded that as of the last meeting, the new By-Laws are in effect. This includes the new wording of them, as can be found on the web site.

Steve brought up that getting our 501 (c)(3) is going to be a priority this year. Once we have that, we can solicit for funds from corporations. Rick, N9ROY suggested using the same place that he is using for ARES/RACES. N9UDO told him to look into it and report back next meeting.

The annual swapfest brought up some lively discussion. We are still unsure in which building we are going to have it. The rent on the big building keeps going up, and is pricing it out of our reach. We are continuing to keep checking on this.

It was noted that we now have 40 official members to the club.

New Business: May 20, and 21, is going to be Circus Heritage Days for the Boy Scouts at the fairgrounds in Baraboo. We have been invited back this year to help with demonstrating ham radio. This will be the 20th anniversary of Circus Heritage Days. The details will be made known at the next meeting.

N9ROY made mention he will need 4 members to help Sauk County ARES/ RACES with a project on Monday April 10, at the Weston High School. He was asked by Sauk County Emergency Management to help provide communications for their annual DARE program mock accident scene. If you can help, just let him know.

Field Day will be held on June 24 and 25th this year. Columbia County ARES will NOT be there this year as they are trying a different approach in their county. So we will need more operators this year from the club. Set up will be Saturday morning at 10:00AM. Camping will be available starting Friday night. Come out and have an enjoyable time with your club. Field Day will be located at our usual location at Owen Park in Columbia County. Visit the club's web site for more information. http://yellowthunder.org

The next meeting of the Yellow Thunder Amateur Radio Club will be held on Tuesday, May 2nd. We will be starting at 6:15PM with a Fox Hunt. So get your direction-finding equipment out and get set for some fun. Rick, N9ROY will be hiding the fox and he promises to be VERRRRRY tricky. So come out and prove him wrong!!

Don, K9JYX, made a motion to adjourn the meeting, and was seconded by Tom, N9PQJ. Motion passed. Meting adjourned at 8:03PM. Buck nite drawing winner was N9KXX and he won $4.00. Bill donated the money BACK to the club for the Field Day refreshment fund. Next meeting the 'buck-night drawing' will be back to $1.00.

After the meeting, we enjoyed a very informative presentation on Software Defined Radios, as presented by Duane, N9DG. He had an excellent Power Point presentation explaining the theory and software needed to use it. He also had a couple of pieces of hardware to use. Many questions were asked, and several sample cds were handed out to prospective users. Thanks for the great demo Duane.

Attending the meeting:

Don Evenson	K9JYX
Bud Kriese	KC9ILP
John Noga	KC9ILO
Dave Spearing	KB9CSW
Kevin Kopp	KC9IVE
Gary Sorenson	W9ULK
Brad Pointon	KB9VMC
Duane Grotophorst	N9UDO
Leonard Wagner	N9XJG
Bill Klinkner	N9KXX
Tom Harrison	N9PQJ
Rick Plouffe	N9ROY
Juanita Plouffe XYL of	N9ROY

Respectfully submitted,
Rick Plouffe, N9ROY, Secretary

A FEW THOUGHTS TO PONDER

"All the romance of trout fishing exists in the mind of the angler and is in no way shared by the fish."
--Harold F. Blaisdell,
The Philosophical Fisherman, 1969

"I tremble for my country when I reflect that God is just."
-- Thomas Jefferson

Slick's Three Laws of the Universe:
(1) Nothing in the known universe travels faster than a bad check.
(2) A quarter-ounce of chocolate = four pounds of fat.
(3) There are two types of dirt: the dark kind, which is attracted to light objects, and the light kind, which is attracted to dark objects.

"When I get real bored, I like to drive to the mall and get a great parking spot, then sit in my car and count how many people ask me if I'm leaving."
-- Steven Wright

"Suppose you were an idiot ... And suppose you were a member of Congress... But I repeat myself."
--Mark Twain

THE TEST POINT

(Continued from page 3)

Stevens Point
CWRA Ltd./UWSP ARC Meetings second Wednesday. of each month at 7:30 pm. Science Building on the UW-Stevens Point Campus, Room A107, Stevens Point, WI. Email: jglas776@uwsp.edu. Webpage: www.qsl.net/wb9qfw.

Superior
ARROWHEAD AMATEUR RADIO CLUB, INC. Meetings: Second Tuesday at WITC Conference Center, 600 N. 21st St., Superior, WI. Time: 7:30 p.m. Board meetings held before regular meetings.

W.A.R. WISCONSIN ASSOCIATION OF REPEATERS
Quarterly meetings of the Wisconsin Association of Repeaters are held at various locations around the State in March, July and November. Check the WAR web page for meeting announcements and repeater coordination info. Information: http://www.wi-repeaters.org.

Watertown
WATERTOWN AMATEUR RADIO CLUB Meetings: First Thursdays of month, 7 p.m., Watertown Public Library, 100 South Water Street.

Waupaca
WAUPACA AMATEUR RADIO CLUB CQ First Tue. Social gathering and Dutch treat luncheon, King's Table, King, WI, on Highway QQ, just south of Highways 10 and 54, west side of Waupaca. Gather at 11 to 11:30. Order at noon. Club business transacted. CQ Third Fri. Social gathering and Dutch treat dinner. Semi-formal, OM and XYL, at one of the better supper clubs in the area. Check: Waupaca 147.39 nets at 8 a.m. or 8:50 p.m. for month's meeting location.

Wausau
WISCONSIN VALLEY RADIO ASSOCIATION Meetings: First Tuesdays, 7:30 p.m. Location varies. Information: 146.64 (-600). http://home.dwave.net/~wvra/.

West Allis
West Allis Radio Amateur Club Second Tuesday of each month at 7:30 p.m. St. Peter's Episcopal Church, 80th and Lincoln Ave., West Allis. Meetings in basement. Entrance at rear, off alley. Handicapped accessible. www.warac.org.

West Bend
WASHINGTON COUNTY AMATEUR RADIO CLUB Meetings: Second Thursdays, 7:30 p.m., Washington County Courthouse. Net: Thursdays, 7:30 p.m., 146.73 (-600).

Wisconsin Rapids
WISCONSIN RAPIDS AMATEUR RADIO CLUB Meetings: Third Wednesdays, 7 p.m., Room 14 of Wood County Courthouse. Talkin: 146.79 (-600) for entry into the building.

Check us out on the web at Http://www.bsss.org

Buy it! • Sell it • Trade it • Fix it

SWAPFESTS

W.A.R.A.C. Memorial Scholarships

2004 WINNER
Nicholas Luther, K9NL
Oshkosh, WI.

34th ANNUAL MIDWINTER
SWAPFEST
WAUKESHA EXPOSITION CENTER
WAUKESHA, WISCONSIN
SATURDAY
JANUARY 6, 2007

Both sponsored by:
THE WEST ALLIS RADIO AMATEUR CLUB, INC.
P. O. BOX 1072 · MILWAUKEE, WISCONSIN 53201

HAM IT UP EVERY SPRING!
MADISON SWAPFEST
Mandt Community Center
APRIL 21, 2007
400 Mandt Parkway Stoughton WI
Doors open at 8 a.m.
Sponsored by MARA/W9HSY
P. 0. Box 8890 Madison, WI 53708-8890
Swapfest Information Line. (608) 245-8890

SOUTH MILWAUKEE AMATEUR RADIO CLUB
SWAPFEST 06
JULY 8, 2006
(Held every July)
American Legion Park
Shepard Avenue • Oak Creek, WI
(414) 762-3235 Ask for Verne
P.O. Box 102 South Milwaukee, WI 53172
e-mail ryatex@aol.com

Ozaukee Radio Club
27th ANNUAL RADIO AND COMPUTER SWAPFEST
MAY XX , 2007
8 a.m. to 1 p.m. • Circle B Recreation Center
Intersection of Highway 60 and County I
Exams by Badger Examiners, c/o Gary Sharbuno,
5119 W, Willow Rd., Brown Deer, WI 53222
Swapfest sponsored by the Ozaukee Radio Club
W55 N865 Cedar Ridge Drive • Cedarburg WI 53012

The Chicago FM Club presents
RADIO EXPO 2006
August 26-27, 2006
Lake County Fairgrounds, Rts. 45 and 120
Grayslake, Illinois
Free parking • Amateur Exams • Talkin 146.16/76
Info Voice mail and FAX: (708) 457-0966
http://www.chicagofmclub.org
P.O. Box 56784, Harwood Heights, IL 60656-0724

TRI-COUNTY ARC PRESENTS
HAMFEST 2007
March XX, 2007
YOUR SPRING FAVORITE !
www.cmdline.com/tcarc/
TCARC 213 Frederick St (920) 563-6381
Fort Atkinson, WI 53538 Evenings

SOUTH MILWAUKEE AMATEUR RADIO CLUB
AUCTION
Amateur Radio, Computers & Electronics
Wed. OCT. 04, 2006, 6:00 p.m.
American Legion Post 434
Shepard Avenue • Oak Creek, WI
(414) 762-3235 Ask for Verne
P.O. Box 102 South Milwaukee, WI

Circus City Swapfest
Sponsored by the Yellow Thunder Amateur Radio Club
Saturday, August 12, 2006 • 7 am—Noon
Sauk County Fairgrounds • Baraboo, WI

Vendors • Concessions
Camping • Free Parking
Tail Gate Area

$4.00 — Advanced
$5.00 — At Gate
$5.00 — 8 foot tables

Steve Schulze, N9UDO • Bill Klinkner, N9KXX
(606) 356-2313 • (608) 643-6908/643-6453
http://www.qsl.net/ytarc/hamfest.htm,

The Milwaukee Repeater Club presents
AMATEUR RADIO FEST 2006
October XX, 2006
Waukesha County Expo Center Forum Buildings
For more information, see:
http://www. mrc91.org
e-mail mrc@mrc91.org
or call (414) 526-7011

PRODUCTS AND SERVICES

TOWER ELECTRONICS
THE HAMS DIME STORE AND WHOLESALER TO THE WORLD
ORDERS 1-800-662-3422
TECH INFO 920-435-3359
FAX LINE 920-435-2980
SCOTT KB9AMM & JILL KB9PZF e-mail: sales@pl-259.com
P O BOX 12631 GREEN BAY, WI 54307-2631
PRODUCTS FOR HAMS FROM HAMS SINCE 1978
web: www.pl-259.com

ARRL
Publications HOTLINE
Call Toll Free! 888-277-5289
e-mail: pubsales@arrl.org
Check us out on the Web:
http://www.arrl.org/
• Complete Publications Catalog
• Membership application and services

Mr. NiCad's BATTERIES AMERICA
For all your portable power requirements!
www.batteriesamerica.com

Battery Packs for,	Address:
Ham Radio (inserts too !)	221 1 -D Parkview Road
R/C Hobby	Middleton, WI 53562
Laptop/Notebook	(Store open 8 am - 5 pm M-F)
Digital Cameras	Ph: 608-831-3443
Cellular Phone	Fax: 608-831-1082
Video Camcorder	e-mail: ehyost@midplains.net

Now in stock., EBP-48 NIMH for Alinco; BP-180 NIMH for ICOM; BP-200 NIMH for ICOM; FNB-58LI for Yaesu; PS-39 NIMH for Kenwood; ADI HT-600 NIMH, FNB41 NIMH for Yaesu: OB-202 for Radio Shack; PS-34 NIMH & PB-13 NIMH for Kenwood. EBP-22 NIMH for Alinco; & morel And...The UDO-9000 Universal Charger! Call for info / pricing, or visit our website!
Nickel Cadmium / Nickel Metal Hydride / Lithium on / Sealed Lead / Alkaline

ELMER
by Rich Regent, K9GDF

